

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

1

of

3

Complete if Known

Application Number	Not Yet Assigned
Filing Date	March 11, 2004
First Named Inventor	Ki Ha Lee
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	IB-1825

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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		BERTSEKAS, D. P., 1982, Enlarging the region of convergence of Newton's method for constrained optimization, J. Optimization Theory Applications, 36, 221-251.	
		GRAVES, R. W., 1996, Simulating seismic wave propagation in 3D elastic media using staggered-gris finite differences, Bull. Seism. Soc. Am., 86, 1091-1106.	
		KORMENDI, F., AND DIETRICH, M., 1991, Nonlinear waveform inversion of plane-wave seismograms in stratified elastic media, Geophysics, 56, 664-674.	
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		MARFURT, K. J., 1984, Accuracy of finite-difference and finite-element modeling of the scalar and elastic wave equations, Geophysics, 49, 533-549.	
		MINKOFF, S. E., AND SYMES, W. W., 1997, Full waveform inversion of marine reflection data in the plane-wave domain, Geophysics, 62, 540-553.	

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		OLDENBURG, D. W., MCGILLIVRAY, P. R., AND ELLIS, R. G., 1993, Generalized subspace methods for large-scale inverse problems, Geophys. J. Int., 114, 12-20.	
		PLESSIX, R.-E., AND BORK, J., 1998, A full waveform inversion example in VTI media: 68th Ann. Internat. Mtg., Soc. Expl. Geophys., Expanded Abstracts, 1562-1565.	
		PRATT, R. C., 1990, Inverse theory applied to multi-source cross-hole tomography, Part II: elastic wave-equation method, Geophys. Prospect., 38, 311-330.	
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		PRATT, R. G., SHIN, C., HICKS, G. J., 1998, Gauss-Newton and full Newton methods in frequency-space seismic waveform inversion, Geophys. J. Int., 133, 341-362.	
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		RANDALL, C. J., 1989, Absorbing boundary condition for the elastic wave equation, velocity-stress formulation, Geophysics, 54, 1141-1152.	
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		SHENG, J., AND SCHUSTER, G. T., 2000, Finite-frequency resolution limits of travel time tomography for smoothly varying velocity models: 70th Ann. Internat. Mtg., Soc. Expl. Geophys., Expanded Abstracts, 2134-2137.	

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		SONG, Z.- M., AND WILLIAMSON, P. R., 1995, Frequency-domain acoustic modeling and inversion of cross hole data: part I-2.5-D modeling method, Geophysics, 60, 784-795.	
		SONG, Z.- M., WILLIAMSON, P. R., AND PRATT, R. G., 1995, Frequency-domain acoustic wave modeling and inversion of cross hole data: Part II-inversion method, synthetic experiments and real-data results, Geophysics, 60, 796-809.	
		TARANTOLA, A., 1987, Inverse Problem Theory: Methods for Data Fitting and Parameter Estimation: Elsevier, Amsterdam.	
		VASCO, D. W., PETERSON, JR., J.E., AND MAIER, E.L., 1995, Beyond ray tomography: Wavepaths and Fresnel volumes: Geophysics, 60, 1790-1804.	
		VIRIEUX, J., 1984, P-SV wave propagation in heterogeneous media: velocity-stress finite-difference method, Geophysics, 51, 889-901.	
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		YOMOGIDA, K., AND ETGEN, J. T., 1993, 3-D wave propagation in the Los Angeles Basin for the Whittier-Narrows earthquake, Bull. Seism. Soc. Am. 83, 1325-1344.	
		ZHOU, C., SCHUSTER, G. T., HASSANZADEH, S., AND HARRIS, J. M., 1997, Elastic wave equation travel time and wavefield inversion of crosswell data, Geophysics, 62, 853-868.	

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